

Work Order ID 53680

November 12, 2009 8:43:54 AM



Page 1

Item ID: D3965-4

Accept



Setup Start



Revision ID: A

Stop



Item Name: Bearing, Spherical

Start Date: 11/12/09 Start Qty: 20.00



Cust Item ID:

Required Date: 11/16/09 Req'd Qty: 20.00



Customer:

Reference:

Approvals:

Process Plan: CZDate: 09/11/12

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D3965

Rev A

100

0.00



Purchasing

Memo

0.00

PURCHASING

Issue P/O: 10742Purchase Part Number: 63215K32 or 63215K52

Possible Supplier: McMaster

Material release note is required

CZ 09/11/12 (20)

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

P 9/14/13 (20)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

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QC:

Date:

SPC (Y/N):

Date:

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Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

CP 09.11.27

130

Identify as per dwg & Stock Location: _____

0.00



Packaging

Memo

0.00

Packaging

CL 09/11/27 (19)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/11/27

MF 09-11-27

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NOTE: Date & initial all entries

Picklist Print

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Page 1

Work Order ID: 53680

Parent Item: D3965-4RevA

Parent Item Name: Bearing, Spherical



Comments:

Start Date: 11/12/09

Required Date: 11/16/09

Start Qty: 20.00

Required Qty: 20.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
63215K32  Spherical Bearing		Purchased	No			110	Each	7.0000	20.0000 		<i>11/14/13</i> <i>(20)</i>	

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

7

111278

7

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

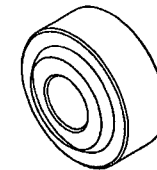
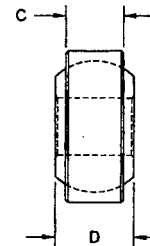
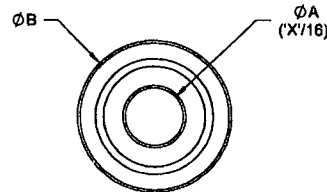
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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SPECIFICATION CONTROL DRAWING

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 53680
0209/11/12



D3965-X BEARING. SPHERICAL

WHERE 'X' IS I.D. IN 1/16" OF AN INCH
EG Ø 1/4" (4/16") I.D. BEARING = D3965-4

DART P/N	SUPPLIER	SUPPLIER P/N	A	B	C	D	STATIC RADIAL LOAD CAP. lbs
D3965-3	McMASTER-CARR	63215K31	0.188	0.563	0.281	.219	3,975
D3965-4	McMASTER-CARR	63215K32 OR 63215K52	0.250	0.656	0.344	0.250	6,040
D3965-5	McMASTER-CARR	63215K53	0.313	0.750	0.375	0.281	8,750
D3965-6	McMASTER-CARR	63215K34	0.375	0.813	0.406	0.313	10,540

0.250
0.344
CP 09.11.27

RELEASED
09/28/25/18

NOTES:

- 1) MATERIAL: 440C STAINLESS STEEL WITH PTFE LINER
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

A		NEW ISSUE		RF	09.07.09
REV.	DESCRIPTION			BY	DATE
DESIGN	RF	DART AEROSPACE LTD			
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA			
CHECKED	CP	DRAWING NO.	D3965	REV. A	
MFG. APPR.		TITLE	BEARING, SPHERICAL	SCALE	NTS
APPROVED		DATE 09.07.09			
DE APPR.		<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>			

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

200 Aurora Industrial Parkway
Aurora OH 44202
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

McMaster-Carr Number
4102488-01

11/12/2

Line	Description	Ordered	Shipped	LNS
5	7834A69 Self-Igniting Standard Propane Gas Torch, Adjustable Flame Control, 6732 Btu/hour	3 Each	3	1 - 452
	Unit Price: \$60.62			
	Extended Price: \$181.86			
6	7834A691 Swirl-Flame Tip for, Self-Igniting Standard Propane Gas Torch	1 Each	1	1 - 454
	Unit Price: \$5.81			
	Extended Price: \$5.81			
7	63215K52 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 1/4" ID, 21/32" OD, 11/32" Overall Width	20 Each	20	3 - 483
	Unit Price: \$16.67			
	Extended Price: \$333.40			

Charges for this shipment

Merchandise Amount:	\$822.21
Sales Tax:	\$41.10
Total:	\$863.31

Notes about your shipment

Line 2 is not packaged for shipment by air. By purchasing from McMaster-Carr Supply Company, you agree not to transport or permit other transport purchased items except in accordance with U.S. law and any other applicable laws.